Result & Analysis

Student: Valliappan L   Test: SIST_2023_SEAT_001   Course: 2023 SEAT Tests

Attempt 1

IP Address: 122.164.69.83   **Tab switches:** 0   **OS used:** Windows   **Browser used:** Chrome

Test Duration: 01:30:00   **Test Start Time:** Dec 8, 2021 | 10:01 AM

Test Submit Time: Dec 8, 2021 | 11:31 AM

Overall score

24 / 90

Rank: NA
Topper score: 71.00 / 90
Average score: 25.77 / 90
Least score: 0.00 / 90

Quants

8 / 20

Rank: NA
Topper score: 18.00 / 20
Average score: 7.21 / 20
Least score: 0.00 / 20

Reasoning

6 / 20

Rank: NA
Topper score: 19.00 / 20
Average score: 7.38 / 20
Least score: 0.00 / 20

Verbal

7 / 20

Rank: NA
Topper score: 20.00 / 20
Average score: 9.71 / 20
Least score: 0.00 / 20

Programming

3 / 30

Rank: NA
Topper score: 30.00 / 30
Average score: 1.46 / 30
Least score: 0.00 / 30

Overall Question Status

61 / 62
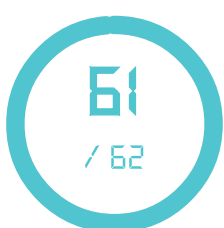
Total Questions: 62
Questions Attempted: 61
Questions Correct: 21
Question Wrong: 39
Partially Correct: 1

Quants - Question Status

20 / 20

Total Questions: 20
Questions Attempted: 20
Questions Correct: 8
Question Wrong: 12
Partially Correct: 0

Question Not Viewed: 0

Question Not Viewed: 0

Reasoning - Question Status

20 / 20

Total Questions: 20

Questions Attempted: 20

Questions Correct: 6

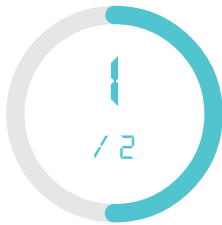Question Wrong: 14

Partially Correct: 0

Question Not Viewed: 0

Verbal - Question Status

20 / 20

Total Questions: 20

Questions Attempted: 20

Questions Correct: 7

Question Wrong: 13

Partially Correct: 0

Question Not Viewed: 0

Programming - Question Status

1 / 2

Total Questions: 2

Questions Attempted: 1

Questions Correct: 0

Question Wrong: 0

Partially Correct: 1

Question Not Viewed: 0

Topic wise Analysis   Quants   Reasoning   Ver ▼

Question No: 1   **Multi Choice Type Question**

Common content

The following pie-chart shows the sales of coffee in a particular country X over the years 1992 to 1996. There are two types of coffee; Grade A and Grade B. The price for grade A coffee was Rs.50/kg and for grade B was Rs.100/kg. The pie chart shows the combined sales for grade A and grade B types of coffee.
In each of the given years, sales were 80% of the total production in that particular year.

Total sales of Coffee over the period = Rs. 590 Crore
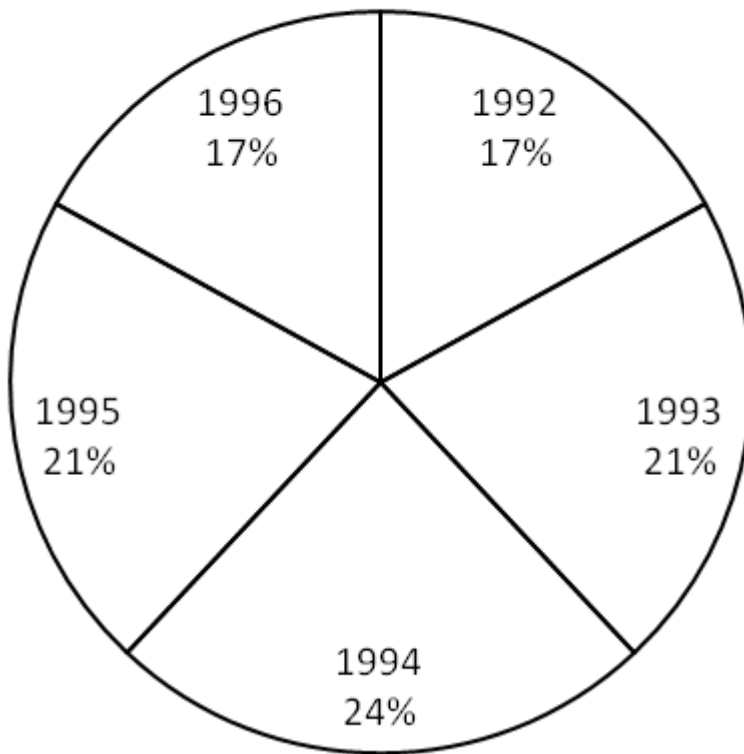
Question

If the sales (kg) of coffee of grade A and grade B in 1992 was in the ratio of 7 : 3, then what was the average price per kg of coffee sold in 1992?

○ Rs.60

○ Rs.65   CORRECT

○ Rs.70

○ Rs.75

Status: Wrong	**Mark obtained:** 0/1	**Hints used:** 0	**Level:** Hard
Question type: MCQ Single Correct **Subject:** Aptitude		**Subject:** Reasoning Ability	
Subject: Data Interpretation			

☑ Show solution

Solution 1:

(7X * 50 + 3X * 100)/10X = Rs. 65/Kg

Question No: 2   **Multi Choice Type Question**

In the following number series, one number is wrong. Find out the wrong number:
12, 72, 60, 360, 336, 2088

○ 60

○ 360

○ 336   CORRECT

○ 2088

Status: Wrong	**Mark obtained:** 0/1	**Hints used:** 0		**Level:** Medium
Question type: MCQ Single Correct	**Subject:** Aptitude		**Subject:** Reasoning Ability	
Subject: Number series				

☑ Show solution

Solution 1:

$12 \times 6 = 72$
$72 - 12 = 60$
$60 \times 6 = 360$

$360 - 12 = 348$
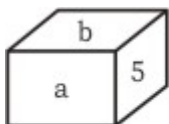$348 \times 6 = 2088$
Thus, the incorrect number is 336.

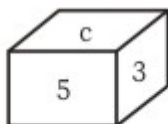**Question No: 3**   **Multi Choice Type Question**
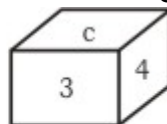
The following question contains three different views of a dice. Study the given figures and find out the incorrect statement from the given choices.

○ a is opposite c.

○ 3 is opposite b.

◯ 4 is adjacent to a, b and 3.

◯ All of these   CORRECT

Status: Wrong   **Mark obtained:** 0/1   **Hints used:** 0   **Level:** Medium

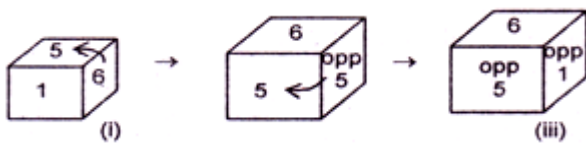**Question type:** MCQ Single Correct **Subject:** Aptitude   **Subject:** Reasoning Ability

Subject: Dice

☑ Show solution

Solution 1:

From (i) and (ii), 5 is opposite 4. The second figure can be obtained by rotating the first figure as follows.

Hence, c is opposite a and 3 is opposite b. All the statements are correct.

Question No: 4   **Multi Choice Type Question**

Common content

These questions are based on the following data given below.
There are two columns in which the numbers given under Column−II are the codes for the words given under Column−I. By observing each word and its code, identify the codes given for each letter and answer the questions that follow.

Column–I	Column–II
CALENDAR	52097083
NOVEMBER	53&=8651
MARCH	2*30&
BLUE	7154

Question

What is the code for the word OUR?

◯ =43

◯ 643

○ =&3

○ Either (1) or (2)   CORRECT

Status: Wrong		**Mark obtained:** 0/1	**Hints used:** 0	**Level:** Medium
Question type: MCQ Single Correct	**Subject:** Aptitude		**Subject:** Reasoning Ability	
Subject: Coding and Decoding				

☑ Show solution

Solution 1:

The letter 'A' got repeated in the word CALENDAR and in its code '0' got repeated. Hence, the code for 'A' is '0'. Now, eliminate all As and 0s. The letter 'E' got repeated in the word NOVEMBER and in its code '5' got repeated. Hence, the code for 'E' is '5'. Eliminate all Es and 5s. The letter 'R' is common in the first three words and the digit '3' is common. Hence the code for 'R' is '3'. 'C' is common in CALENDAR and MARCH and in its code '2' is common. Hence, the code for 'C' is '2'. Similarly we can find the codes for all the letters.
Letters code
A 0
E 5
R 3
C 2
L 7
N 8
D 9
B 1
U 4
M &
H *
O =
V 6
'O' is coded as either '=' or '6'. i.e"=43" or "643" is the code for OUR.

Question No: 5   **Multi Choice Type Question**

In each of the questions below are given two statements followed by two conclusions numbered 1 and 2. You have to take the two given statements to be true even if they seem to be at variance from commonly known and decide which of the given conclusions logically follow from the two given statements, disregarding commonly known facts.

Statements: All papers are pencils. No pencil is a bat.
Conclusions:
1. No paper is a bat.

2. Some pencils are paper.

○ If only conclusion 1 follows.

○ If only conclusion 2 follows.

○ If either 1 or 2 follows.

○ If both 1 and 2 follows.   CORRECT

Status: Correct	**Mark obtained:** 1/1	**Hints used:** 0	**Level:** Medium
Question type: MCQ Single Correct **Subject:** Aptitude		**Subject:** Reasoning Ability	
Subject: Syllogism			

☑ Show solution

Solution 1:
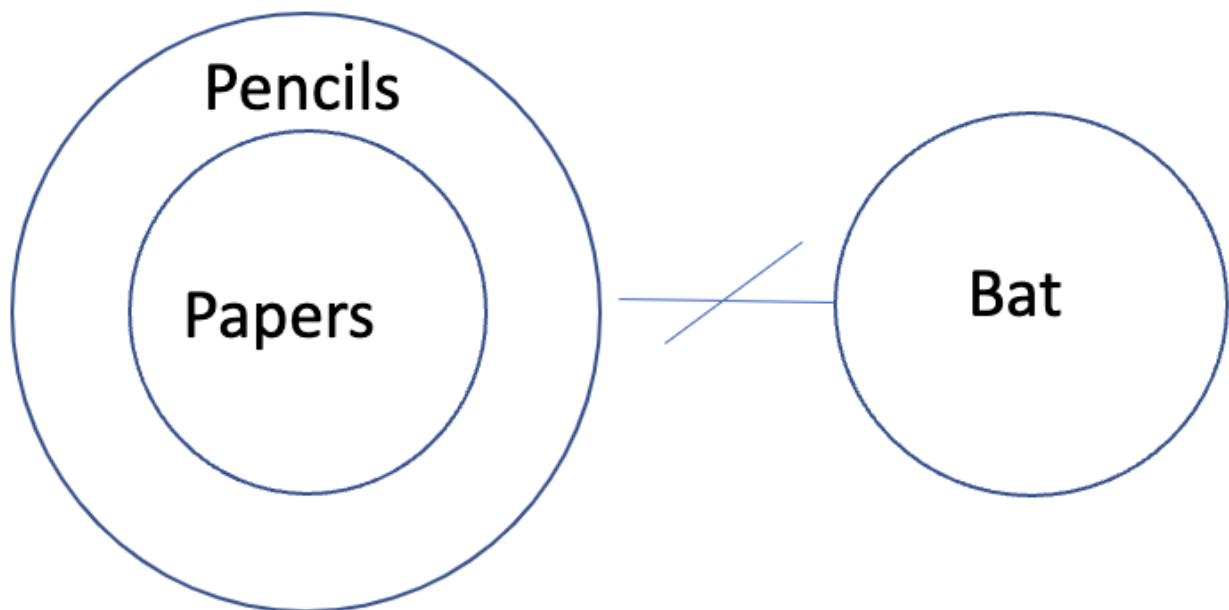
Both the conclusions follow.

Question No: 6   **Multi Choice Type Question**

Ramu starts from his house, walks 4 km South, took a left turn walked 4 km, from there he took a right turn and walked 4 km. From there, his school is 2 km to his left. How far is his house and in what direction from school?

○ 10 ft North-west

○ 10 ft North-east

○ 10 ft South-west   CORRECT

○ 6 ft West

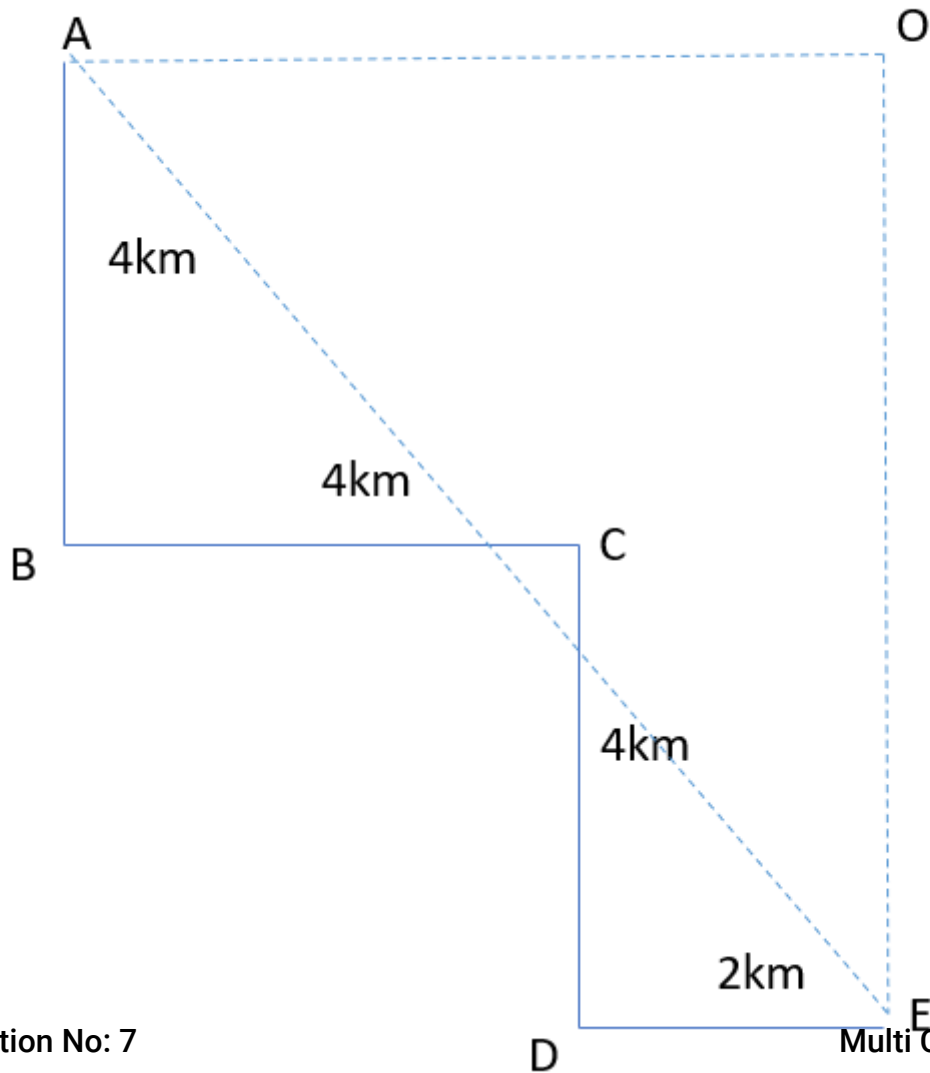|			
Status: Wrong	**Mark obtained:** 0/1	**Hints used:** 0	**Level:** Medium
Question type: MCQ Single Correct	**Subject:** Aptitude		**Subject:** Reasoning Ability
Subject: Direction			

✔ Show solution

Solution 1:

The path travelled by Ramu is as follows.

A   O

4km

4km

B   C

4km

2km
                                              E
Question No: 7   **Multi Choice Type Question**
D

In each of the following letter series, some of the letters are missing which are given in that order as one of the alternatives below it. Choose the correct alternative.

Distance between A and B is $AE^2 = AO^2 + OB^2$

○ baadcd

AE = 10 km

○ dccadc   CORRECT

in south-west direction

○ cbdcab

○ cdacbb

Status: Correct   **Mark obtained:** 1/1   **Hints used:** 0   **Level:** Medium

Question type: MCQ Single Correct **Subject:** Aptitude   **Subject:** Reasoning Ability

Subject: Alphabet Series

☑ Show solution

Solution 1:

> The series is: bdac/bdac/bdac/bdac.

Question No: 8   **Multi Choice Type Question**

Find the missing number in the series : 0, 1, 1, 1, 2, 2, 3, 6, 4, ?

○ 20

○ 21

○ 24   CORRECT

○ 18

Status: Correct   **Mark obtained:** 1/1   **Hints used:** 0   **Level:** Medium

Question type: MCQ Single Correct   **Subject:** Aptitude   **Subject:** Reasoning Ability

Subject: Number series

☑ Show solution

Solution 1:

> The pattern is :
>
> 0, 0!
> 1, 1!
> 2, 2!
> 3, 3!
>
> Hence, 4! will be 24

Question No: 9   **Multi Choice Type Question**

A is the father of B, B is the sister of C, D is the son of C, and E is the daughter of C. How is A related to D?

○ Grandmother

○ Grandfather   CORRECT

○ Uncle

○ Granduncle

Status: Wrong	**Mark obtained:** 0/1	**Hints used:** 0	**Level:** Hard
Question type: MCQ Single Correct	**Subject:** Aptitude		**Subject:** Reasoning Ability
Subject: Blood Relations			

☑ Show solution

Solution 1:

The given relation can be drawn as shown below :
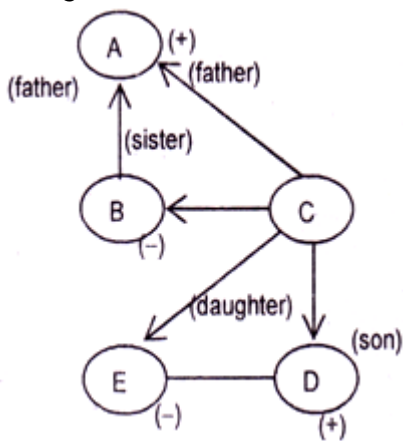
A is the grandfather of D.

Question No: 10   **Multi Choice Type Question**

Statements : $J \leq K = M, N \geq P > K, Q > N = R$

Conclusions :
I. $R > J$
II. $Q \geq M$

○ if only conclusion I follows   CORRECT

○ if only conclusion II follows

○ if either conclusion I or conclusion II
   follows

○ if neither conclusion I nor conclusion II
  follows

○ if both conclusions I and II follow

Status: Wrong   **Mark obtained:** 0/1   **Hints used:** 0   **Level:** Medium

Question type: MCQ Single Correct **Subject:** Aptitude   **Subject:** Reasoning Ability

Subject: Coding and Decoding

☑ Show solution

Solution 1:

Based on the data, we get

$Q > R = N \geq P > M = K \geq J$

Hence, from this we can say that

if only conclusion 1 follows

Question No: 11   **Multi Choice Type Question**

Common content

The following pie-chart shows the sales of coffee in a particular country X over the years 1992 to 1996. There are two types of coffee; Grade A and Grade B. The price for grade A coffee was Rs.50/kg and for grade B was Rs.100/kg. The pie chart shows the combined sales for grade A and grade B types of coffee.
In each of the given years, sales were 80% of the total production in that particular year.

Total sales of Coffee over the period = Rs. 590 Crore
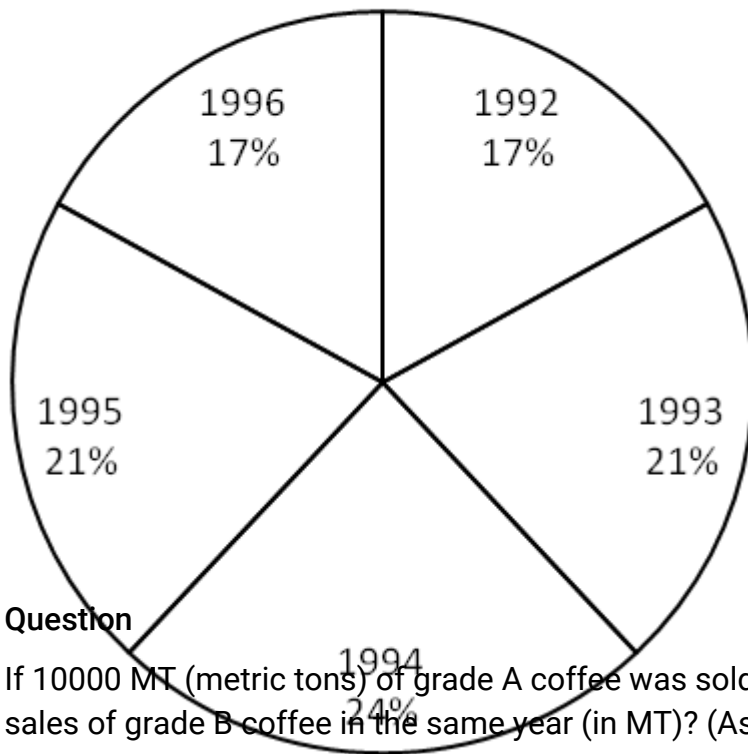
Question

If 10000 MT (metric tons) of grade A coffee was sold in the year 1996, then what was the sales of grade B coffee in the same year (in MT)? (Assume only two types).

- ○ 7000

- ○ 5000   CORRECT

- ○ 4000

- ○ 8000

Status: Wrong	**Mark obtained:** 0/1	**Hints used:** 0	**Level:** Hard
Question type: MCQ Single Correct	**Subject:** Aptitude		**Subject:** Reasoning Ability
Subject: Data Interpretation			

☑ Show solution

Solution 1:

Total sales = Sales (A) + Sales (B)
=> 100×10^7 = 50 x 10000 x 1000 + 100X x 1000 (X = Quantity of B sold)
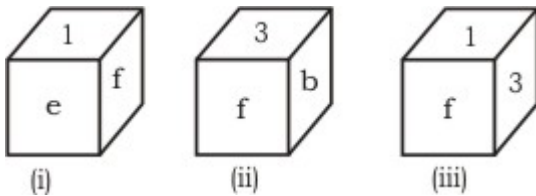=> X = 5000
(Price of A & B are taken as 50 & 100 Rs./kg Respectively as sales for '92 = sales for '96).

Question No: 12   **Multi Choice Type Question**

The following question contains three views of a dice. Study them and find out the correct statement from the given choices.

(i)   (ii)   (iii)

○ 3-e and 1-f are opposite.

○ 1-b and 5-3 are opposite pairs.

○ 3-b and 5-f are opposite pairs.

○ Data is insufficient.   CORRECT

Status: Wrong	**Mark obtained:** 0/1	**Hints used:** 0	**Level:** Medium
Question type: MCQ Single Correct	**Subject:** Aptitude		**Subject:** Reasoning Ability
Subject: Dice			

☑ Show solution

Solution 1:

In the three given views, only five faces of the cube can be seen. As the sixth face is not known, data is inadequate.

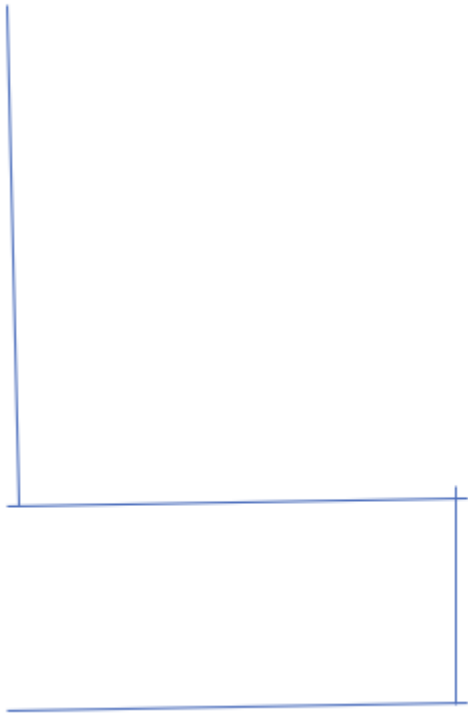**Question No: 13**   **Multi Choice Type Question**

A man walks southwards. After a while, he turns to his left and a little further to his right. Finally, after walking a distance of 2 km, he turns towards his right again. In which direction is he moving now?

○ South

○ North

○ West   CORRECT

○ East

Status: Wrong	**Mark obtained:** 0/1	**Hints used:** 0	**Level:** Medium
Question type: MCQ Single Correct	**Subject:** Aptitude		**Subject:** Reasoning Ability
Subject: Direction			

☑ Show solution

Solution 1:

Starting point

Man is facing towards the west.

Question No: 14   **Multi Choice Type Question**

In each of the following letter series, some of the letters are missing which are given in that

order as one of the alternatives below it. Choose the correct alternative.
n............ qn............ nqt............ tqqtn............ n............tqt

○ nnqtq

○ qtnqt

○ ttnqn   CORRECT

○ qqtnt

Status: Correct	**Mark obtained:** 1/1	**Hints used:** 0	**Level:** Hard
Question type: MCQ Single Correct	**Subject:** Aptitude		**Subject:** Reasoning Ability
Subject: Alphabet Series			

☑ Show solution

Solution 1:

The series is: ntqn/tnqt/ntqq/tnqn/ntqt. In each group, one letter is repeated two times.

Question No: 15   **Multi Choice Type Question**

Common content

These questions are based on the following data given below.
There are two columns in which the numbers given under Column−II are the codes for the words given under Column−I. By observing each word and its code, identify the codes given for each letter and answer the questions that follow.

Column–I	Column–II
CALENDAR	52097083
NOVEMBER	53&=8651
MARCH	2*30&
BLUE	7154

Question

If WIVES is coded as ≠<=5>, then how is the word HONOUR coded?

○ *=8=43

○ *68643   CORRECT

○ *=8643

○ Either (1) or (2)

Status: Wrong	**Mark obtained:** 0/1	**Hints used:** 0	**Level:** Medium
Question type: MCQ Single Correct	**Subject:** Aptitude		**Subject:** Reasoning Ability
Subject: Coding and Decoding			

☑ Show solution

Solution 1:

The letter 'A' got repeated in the word CALENDAR and in its code '0' got repeated. Hence, the code for 'A' is '0'. Now, eliminate all As and 0s. The letter 'E' got repeated in the word NOVEMBER and in its code '5' got repeated. Hence, the code for 'E' is '5'. Eliminate all Es and 5s. The letter 'R' is common in the first three words and the digit '3' is common. Hence the code for 'R' is '3'. 'C' is common in CALENDAR and MARCH and in its code '2' is common. Hence, the code for 'C' is '2'. Similarly we can find the codes for all the letters.
Letters code
A 0
E 5
R 3
C 2
L 7
N 8
D 9
B 1
U 4
M &
H *
O =
V 6
WIVES is coded as ≠<=5> , then HONOUR is coded as *68643

Question No: 16   **Multi Choice Type Question**

Common content

These questions are based on the following data given below.
There are two columns in which the numbers given under Column−II are the codes for the words given under Column−I. By observing each word and its code, identify the codes given for each letter and answer the questions that follow.

Column–I	Column–II
CALENDAR	52097083
NOVEMBER	53&=8651
MARCH	2*30&
BLUE	7154

Question

What is the code for the word LAMB?

○ 90&1

○ 70&1   CORRECT

○ 20&1

○ None of these

Status: Wrong   **Mark obtained:** 0/1   **Hints used:** 0   **Level:** Hard

Question type: MCQ Single Correct **Subject:** Aptitude   **Subject:** Reasoning Ability

Subject: Coding and Decoding

☑ Show solution

Solution 1:

The letter 'A' got repeated in the word CALENDAR and in its code '0' got repeated. Hence, the code for 'A' is '0'. Now, eliminate all As and 0s. The letter 'E' got repeated in the word NOVEMBER and in its code '5' got repeated. Hence, the code for 'E' is '5'. Eliminate all Es and 5s. The letter 'R' is common in the first three words and the digit '3' is common. Hence the code for 'R' is '3'. 'C' is common in CALENDAR and MARCH and in its code '2' is common. Hence, the code for 'C' is '2'. Similarly we can find the codes for all the letters.
Letters code
A 0
E 5
R 3
C 2
L 7
N 8
D 9
B 1
U 4
M &
H *
O =

V 6
70 & 1 is the code for LAMB.

Question No: 17   **Multi Choice Type Question**

Find the missing term in the following number series?
405, 1189, 564, 1048, 687, ?

○ 745

○ 643

○ 943   CORRECT

○ 743

Status: Correct   **Mark obtained:** 1/1   **Hints used:** 0   **Level:** Hard

Question type: MCQ Single Correct **Subject:** Aptitude   **Subject:** Quantitative Ability

Subject: Number systems

☑ Show solution

Solution 1:

$405+28^2 = 1189$
$1189-25^2 = 564$
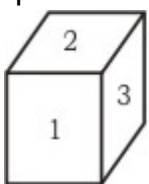$564+22^2 = 1048$
$1048-19^2 = 687$
$687+16^2 = 943$

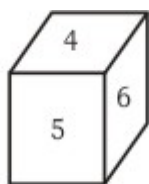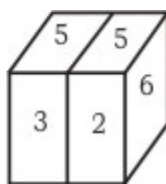**Question No: 18**   **Multi Choice Type Question**

In the following question, figures (i) and (ii) are two dice that are similar to each other in all respects. Figure (iii) is the view of both the dice when joined together. Answer the questions that follow based on the above information.

What is the sum values of the faces that are joined together, if the number on the face of the dice to the left in figure (iii) which is touching the other dice is 2?

- ○ 5   CORRECT

- ○ 2

- ○ 7

- ○ 12

Status: Wrong	**Mark obtained:** 0/1	**Hints used:** 0	**Level:** Medium
Question type: MCQ Single Correct	**Subject:** Aptitude		**Subject:** Reasoning Ability
Subject: Dice			

☑ Show solution

Solution 1:

By comparing figure (ii) with the figure to the right of figure (iii), we understand that 2 is opposite 4, By observation we know that 3 and 6 are adjacent to five.Hence, one is opposite five and three is opposite 6. Hence the sum of values on faced joined together is 3 + 2 = 5.

Question No: 19   **Multi Choice Type Question**

The question below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and Give answer

Who is sitting second to the left of Biden in a line in which all people are facing south? (Biden is not sitting at any extreme end)
Statement I: Carter is sitting to immediate left of Emhoff. There are 2 people between Arthur and Emhoff. Donald and Arthur are immediate neighbours. There are 2 people between Biden and Ford. Biden and Emhoff are not sitting together.
Statement II: Donald is sitting to immediate left of Arthur. There are 2 people between Arthur and Emhoff. Carter is sitting second to left of Ford

- ○ If the data in statement I alone are
    sufficient to answer the question

- ○ If the data in statement II alone are
    sufficient answer the question

○ If the data either in I or II
   alone are sufficient to answer CORRECT
   the question

○   If the data in both the statements
    together are needed

Status: Correct   **Mark obtained:** 1/1   **Hints used:** 0   **Level:** Medium

Question type: MCQ Single Correct **Subject:** Aptitude   **Subject:** Reasoning Ability

Subject: Data Sufficiency

✓ Show solution

**Solution 1:**

From I, arrangement is D A B C E F
From II also, arrangement is D A B C E F

Question No: 20   **Multi Choice Type Question**

Common content

The following pie-chart shows the sales of coffee in a particular country X over the years 1992 to 1996. There are two types of coffee; Grade A and Grade B. The price for grade A coffee was Rs.50/kg and for grade B was Rs.100/kg. The pie chart shows the combined sales for grade A and grade B types of coffee.
In each of the given years, sales were 80% of the total production in that particular year.

Total sales of Coffee over
the period = Rs. 590 Crore
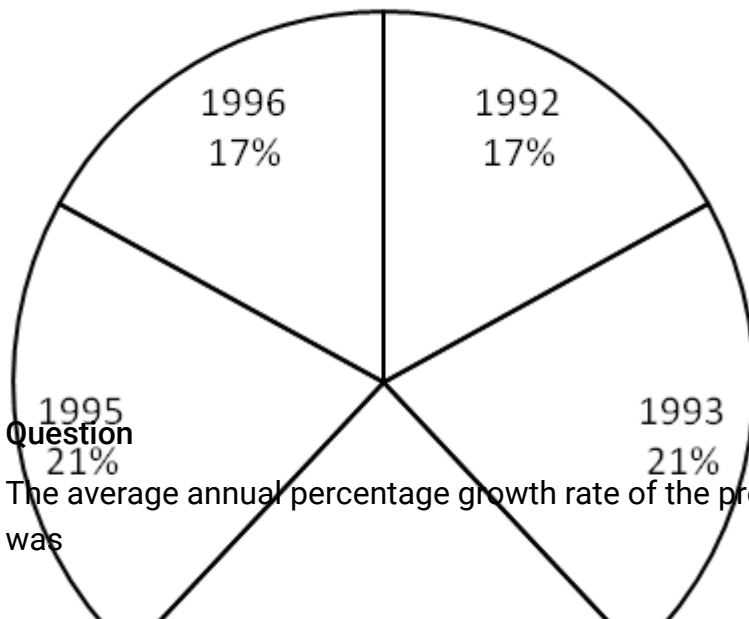
Question

The average annual percentage growth rate of the production of coffee from 1992 to 1996 was

○ 10%

○ 7.5%

○ 5%

○ 2.75%   CORRECT

Status: Wrong   **Mark obtained:** 0/1   **Hints used:** 0   **Level:** Hard

Question type: MCQ Single Correct **Subject:** Aptitude   **Subject:** Reasoning Ability

Subject: Data Interpretation

☑ Show solution

Solution 1:

There is no increase as is evident (Both the sales values are 100 for '92 & for '96).

% change from 1992 to 1993 = [(21-17)/17) * 100] = 23.52%

% change from 1993 to 1994 = [(24 - 21)/ 21 * 100] = 14.285%

% change form 1994 to 1995 = [(21-24)/24 * 100] = -12.5%

% change form 1995 to 1996 = [(17-21)/21 * 100] = -14.285%

Average percentage change from 1992 to 1996 = [23.52 + 14.258 - 12.5 - 14.2580] / 4

= 2.75%